

## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

### **LISTING OF CLAIMS**

1-29 (Withdrawn)

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30. (Currently Amended) A method for trading a security through a network accessible brokerage, comprising:

formulating a decision model for the security;

receiving from a client of the network accessible brokerage at least one computer implemented decision model for the security;

inputting data into the decision model;

monitoring the decision model real-time market data;

in response to monitoring market data for the security and said decision model, automatically generating a buy transaction order; and

automatically transmitting the buy transaction order to a market computer;

after the step of transmitting the buy transaction, monitoring the decision model real-time market data;

in response to monitoring market data for the security and said decision model, automatically generating a sell transaction order; and

automatically transmitting the sell transaction order to the market computer.

31. (Currently Amended) A method as recited in claim 30 wherein the step of generating a transaction order comprises after the step of generating a sell order;

monitoring the sell order until the order is filled;

monitoring the decision model ~~market data~~; and

canceling the sell order if the decision model ~~market data~~ indicates a trade is undesirable.

32. (Currently Amended) A method as recited in claim 30 further comprising after the step of transmitting the buy transaction order, establishing a floating stop loss level.

33. (Currently Amended) A method as recited in claim 32 wherein said floating stop loss level comprises a dynamic stop loss.

34. (Withdrawn)

35. (New) A process for automated trading of a security, comprising:  
receiving at least one computer implemented buy decision model for the security;  
receiving at least one computer implemented sell decision model for the security;  
providing a computer implemented monitoring process for monitoring the decision models for a buy decision and/or a sell decision;

providing a computer implemented transaction approval process for determining if a transaction to buy or sell the security is appropriate;

providing a computer implemented transaction submission process for submitting a transaction to buy or sell the security to a market computer system and monitoring the transaction until it is completed;

inputting data into the buy decision model and the sell decision model wherein the data comprises data for the security;

monitoring the decision models through the monitoring process for the buy decision and/or the sell decision;

if the buy decision is reached then determining through the transaction approval process if a buy transaction is appropriate and if so then automatically submitting through the transaction submission process an order to buy the security;

if the sell decision is reached then determining through the transaction approval process if a sell transaction is appropriate and if so then automatically submitting through the transaction submission process an order to sell the security; and

continuing inputting data into the decision models, monitoring the decision models through the monitoring process, and repeating the steps if the buy decision is reached or the sell decision is reached until the process is stopped.

36. (New) The automated process for trading a security of claim 35, wherein the transaction approval process, the transaction submission process, the buy decision model, and the sell decision model are on a computer system for a network accessible brokerage wherein the buy decision model and the sell decision model are provided to

the network accessible brokerage through a client computer system in communication with the network accessible brokerage.

37. (New) A process for automated trading a security comprising the steps of:
- a. accepting one or more computer implemented decision models for a security wherein the one or more decision models comprise logic for deciding to buy the security and logic for deciding to sell the security;
  - b. providing a computer implemented monitoring process for monitoring the one or more decision models for a decision to buy the security and/or a decision to sell the security;
  - c. providing a computer implemented transaction approval process for determining if a transaction to buy or sell the security is appropriate once the decision to buy or the decision to sell has been made;
  - d. providing a computer implemented transaction submission process for submitting the transaction to buy or sell the security to a market computer system and monitoring the transaction until it is completed;
  - e. inputting data into the one or more decision models, wherein the data is input into the one or more decision models until the process is stopped;
  - f. monitoring the one or more decision models using the monitoring process, for the decision to buy and/or the decision to sell;
  - g. if the decision to buy or the decision to sell is reached then determining using the transaction approval process if a buy or sell transaction is appropriate and if

~~so then automatically submitting using the transaction submission process an order to buy or sell the security; and~~

h. iteratively repeating above steps f. and g. until the process is stopped.

38. (New) The process of claim 37 wherein the decision model comprises a moving average calculation of at least a portion of the data.

39. (New) The process of claim 37 wherein the decision model comprises a weighted data process.

40. (New) The process of claim 37, further comprising:

after the steps of submitting an order to buy the security and monitoring the transaction until it is completed, automatically initiating a floating stop loss process for selling the security wherein either the floating stop loss process or the decision model can reach a decision to sell the security.

41. (New) The floating stop loss of claim 40 wherein the floating stop loss is a dynamic floating stop loss.

42. (New) The process of claim 37 further comprising the step of validating the data before the step of inputting the data into the decision model.

43. (New) The process of claim 37 wherein the decision model further comprises logic to sell short the security and logic to buy to cover the security.

44. (New) An automated trading system for trading securities through an network accessible brokerage, the automated trading system comprising:

at least one client computer in communication with the automated trading system via the network wherein the client computer is operated by a client computer user;

at least one computer implemented decision model for deciding whether to buy or sell a security wherein the decision model comprises logic for buying and selling the security, wherein the at least one decision model enters a state comprising a buy state and a sell state;

a data input processor for receiving data from a data source and inputting the data into the decision model;

a computer implemented decision monitor for monitoring the state of the at least one decision model;

a computer implemented transaction approval processor for determining if a transaction to buy or sell the security is appropriate if the at least one decision model enters the buy state and/or the sell state; and

a computer implemented transaction submission processor for submitting a transaction to buy or sell the security if approved by the transaction approval processor,

wherein the decision monitor continuously monitors the at least one decision model and the security is repeatedly bought and sold based on the state of the at least one decision model and the determination of the transaction approval processor.

45. (New) The automated trading system of claim 44, wherein the logic of the decision model is defined by the user.

46. (New) The automated trading system of claim 44, wherein the logic of the decision model comprises a moving average.